

We claim:

1. An ink cartridge comprising a case, an ink supply chamber, and an ink storage chamber, wherein the supply chamber and storage chamber are inside the case, an ink outlet is equipped on a sidewall of the case, the ink supply chamber is  
5 connected in a low position with the ink outlet and in a high position with an air vent, wherein the ink storage chamber is connected in a low position with the ink supply chamber through a first passageway and a second passageway, the second passageway is below the ink outlet and above the first passageway.

10 2. The ink cartridge of claim 1 wherein the inner top of the ink storage chamber is above the highest point of the second passageway.

3. The ink cartridge of claim 1 or 2 wherein the top of the ink storage chamber is equipped with an ink inlet.

15 4. The ink cartridge of claim 1 or 2 wherein the ink supply chamber and the ink storage chamber are separated by a wall and the first and second passageways are small holes on the wall.

20 5. The inkjet cartridge of claim 4 wherein the ink storage chamber has at least one visible wall which is made from a transparent material.